



# CVE-2016-8580

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2016-8580
<b>State</b>	PUBLISHED
<b>Assigner</b>	mitre
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2016-10-28 15:59:03 UTC
<b>Updated</b>	2026-05-06 22:30:45 UTC
<b>Description</b>	PHP object injection vulnerabilities exist in multiple widget files in AlienVault OSSIM and USM before 5.3.2. These vulnerab

## Risk And Classification

**Primary CVSS:** v3.0 9.8 CRITICAL from nvd@nist.gov

**CVSS:** 3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

**EPSS:** 0.125580000 probability, percentile 0.939980000 (date 2026-05-09)

**Problem Types:** CWE-284 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	9.8	CRITICAL	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	7.5		AV:N/AC:L/Au:N/C:P/I:P/A:P

## CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

High

Availability

High

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

### CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:L/Au:N/C:P/I:P/A:P

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Alienvault	Open Source Security Information And Event Management	All	All	All	All
Application	Alienvault	Unified Security Management	All	All	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

### References

Reference	Source
AlienVault OSSIM and USM CVE-2016-8580 Multiple PHP Object Injection Vulnerabilities	af854a3a-2127-422b-91ae-364da2661108
Security Advisory - AlienVault 5.3.2 address 70 vulnerabilities - AlienVault Community Forums	af854a3a-2127-422b-91ae-364da2661108
Alienvault OSSIM/USM 5.3.1 - PHP Object Injection - PHP webapps Exploit	af854a3a-2127-422b-91ae-364da2661108
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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